EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	(hannu near makela).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/04 21:34
S2	14	(("5530330") or ("5572428") or ("5999865") or ("6055042") or ("6163745") or ("6349249") or ("6393362")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/04 22:19
S3	20660	((701/1,2,23-28,200-202,300,301) or (700/213,245,253,255,258,259) or (340/435,436,539.22,539.23,901,903,988) or (180/232,271)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/04 22:20
S4	2349	S3 and (automobile or car or vehicle) and ((accident or collision) near4 (prevent$4 or avoid$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:23
S5	424	S4 and (control$4 same (scan$4 or detect$4) same obstacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:24
S6	152	S5 and (autonomous or unmanned or "AGV")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:24

S7	19	S6 and (distance and (safe near3 (area or zone or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:24
S8	4	(thomas near numers).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/04 22:45
S9	30089	(automobile or car or vehicle) and ((accident or collision) near4 (prevent$4 or avoid$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:23
S10	1099	S9 and (control$4 same (scan$4 or detect$4) same obstacle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:24
S11	275	S10 and (autonomous or unmanned or "AGV")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:24
S12	32	S11 and (distance and (safe near3 (area or zone or region)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/05 12:25

| S13 | 150 | ("3630079" \| "3664701" \| "3769710" \| "4114155" \| "4119900" \| "4308536" \| "4402049" \| "4445118" \| "4447800" \| "4465155" \| "4471273" \| "4472663" \| "4477184" \| "4485383" \| "4508999" \| "4511947" \| "4514665" \| "4518902" \| "4521885" \| "4529919" \| "4555651" \| "4561064" \| "4564085" \| "4567757" \| "4578678" \| "4599620" \| "4633966" \| "4637488" \| "4638445" \| "4646096" \| "4647784" \| "4652884" \| "4659970" \| "4667203" \| "4674048" \| "4678329" \| "4680715" \| "4684247" \| "4690610" \| "4691149" \| "4691385" \| "4700301" \| "4700302" \| "4706772" \| "4709195" \| "4713767" \| "4722410" \| "4727492" \| "4727962" \| "4730690" \| "4731613" \| "4740778" \| "4741412" \| "4743913" \| "4747458" \| "4751512" \| "4751983" \| "4755905" \| "4757450" \| "4758959" \| "4772832" \| "4781514" \| "4785463" \| "4786164" \| "4790402" \| "4792995" \| "4804893" \| "4807714" \| "4809178" \| "4814711" \| "4817000" \| "4818171" \| "4821192" \| "4821294" \| "4823901" \| "4829442" \| "4833469" \| "4837700" \| "4839835" \| "4846297" \| "4847769" \| "4849731" \| "4855822" \| "4860209" \| "4861220" \| "4864284" \| "4864298" \| "4866450" \| "4869635" \| "4870422" \| "4916450" \| "4918607" \| "4918609" \| "4926171" \| "4939650" \| "4939651" \| "4954837" \| "4954959" \| "4986384" \| "5001635" \| "5014200" \| "5053979" \| "5073749" \| "5075693" \| "5081585" \| "5083256" \| "5083968" \| "5087918" \| "5109425" \| "5122796" \| "5128874" \| "5155684" \| "5155688" \| "5155775" \| "5163001" \| "5170352" \| "5181037" \| "5220509" \| "5249128" \| "5301115" \| "5310249" \| "5313711" \| "5331561" \| "5332057" \| "5349533").PN. OR ("5357438" \| "5369590" \| "5377106" \| "5386285" \| "5388048" \| "5396426" \| "5416713" \| "5420792" \| "5471214" \| "5475494" \| "5477929" \| "5530330" \| "5587929" \| "5612883" \| "5633705" \| "5680313" \| "5684696" \| "5696675" \| "5758298" \| "5781870" \| "5787382" \| "5808728" \| "5999865" \| "5999866").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/05 14:22 |

S14	191	("2004/0138799" | "2006/0190124" | "5400244" | "5572428" | "5610815" | "5612883" | "5999865" | "6055042" | "6898503").URPN.	USPAT	OR	ON	2007/11/05 14:22
S15	133	(("20060190124") or ("6064209") or ("5437230") or ("4491440") or ("4766269") or ("5373774") or ("5395082") or ("5442990") or ("4840105") or ("4090736") or ("4433763") or ("4583700") or ("4967636") or ("4979425") or ("5238298") or ("5245928") or ("5361675") or ("5474452") or ("5505155") or ("5743190") or ("5896816") or ("6058847") or ("6058847") or ("6095078") or ("6157889") or ("6442456") or ("6633800") or ("6813986") or ("6973981") or ("7036894") or ("7118513") or ("7296503") or ("7331735") or ("20010021888") or ("20050257673") or ("20060003864") or ("20060158017") or ("4987819") or ("3842770") or ("4626849") or ("6226572") or ("6226572") or ("6292725") or ("6393362") or ("6442476") or ("6480769") or ("6799100") or ("20020049530") or ("20020143461") or ("4334693") or ("4600913") or ("4823901") or ("4970653") or ("5351171") or ("5685565") or ("5712784") or ("5725266") or ("5845948") or ("5944132") or ("6039349") or ("6173231") or ("6217062") or ("6217062") or ("6370475") or ("6405132") or ("20070131468") or ("5321667") or ("5438552") or ("5929363") or ("5417139") or ("6155155") or ("3638569") or ("4008644") or ("4262849") or ("4265353") or ("4347029") or ("4402271") or ("4466332") or ("4557524") or ("4831539") or ("4972776") or ("4982057") or ("5198614") or ("5292254") or ("5427090") or ("5431082") or ("5673645") or ("5688124") or ("5719501") or ("5808969") or ("5869967") or ("5971668") or ("5979290") or ("5988037") or ("6014932") or ("6046963") or ("6062801") or ("6082266") or ("6115662") or ("6197447") or ("6199793") or ("6204772") or ("6361269") or ("6386640") or ("6470989") or ("6502016") or ("7100991") or ("7114764") or ("7124022") or ("7337865") or ("20040227390") or ("20060123050") or ("20060167608") or ("20060249321") or ("20070272074") or ("20070293996") or ("4965583") or ("5204536") or ("5357438") or ("5410484") or ("6044321") or ("6114951")	USPAT	OR	OFF	2008/06/13 19:27

		or ("6161071") or ("4272800") or ("4298875") or ("4308536") or ("4326273") or ("4331959") or ("4560204") or ("4964485") or ("5215159") or ("5369591") or ("5388048") or ("5388789") or ("5506454") or ("5507449") or ("5530651") or ("5653174") or ("5684473") or ("5699986") or ("5808561") or ("5833025") or ("5850176") or ("5865481") or ("5889476") or ("5890682")).PN. or (("5906648") or ("5952939") or ("5959552") or ("5969969")).PN.				
S16	14	(("20060190124") or ("6064209") or ("5437230") or ("4491440") or ("4766269") or ("5373774") or ("5395082") or ("5442990") or ("4840105") or ("4090736") or ("4433763") or ("4583700") or ("4967636") or ("4979425") or ("5238298") or ("5245928") or ("5361675") or ("5474452") or ("5505155") or ("5743190") or ("5896816") or ("6058847") or ("6058847") or ("6095078") or ("6157889") or ("6442456") or ("6633800") or ("6813986") or ("6973981") or ("7036894") or ("7118513") or ("7296503") or ("7331735") or ("20010021888") or ("20050257673") or ("20060003864") or ("20060158017") or ("4987819") or ("3842770") or ("4626849") or ("6226572") or ("6226572") or ("6292725") or ("6393362") or ("6442476") or ("6480769") or ("6799100") or ("20020049530") or ("20020143461") or ("4334693") or ("4600913") or ("4823901") or ("4970653") or ("5351171") or ("5685565") or ("5712784") or ("5725266") or ("5845948") or ("5944132") or ("6039349") or ("6173231") or ("6217062") or ("6217062") or ("6370475") or ("6405132") or ("20070131468") or ("5321667") or ("5438552") or ("5929363") or ("5417139") or ("6155155") or ("3638569") or ("4008644") or ("4262849") or ("4265353") or ("4347029") or ("4402271") or ("4466332") or ("4557524") or ("4831539") or ("4972776") or ("4982057") or ("5198614") or ("5292254") or ("5427090") or ("5431082") or ("5673645") or ("5688124") or ("5719501") or ("5808969") or ("5869967") or ("5971668") or ("5979290") or ("5988037") or ("6014932") or ("6046963") or ("6062801") or ("6082266") or ("6115662") or ("6197447") or ("6199793") or ("6204772") or	US-PGPUB	OR	OFF	2008/06/13 19:27

		("6361269") or ("6386640") or ("6470989") or ("6502016") or ("7100991") or ("7114764") or ("7124022") or ("7337865") or "20040227390") or ("20060123050") or ("20060167608") or ("20060249321") or ("20070272074") or ("20070293996") or ("4965583") or ("5204536") or ("5357438") or ("5410484") or ("6044321") or ("6114951") or ("6161071") or ("4272800") or ("4298875") or ("4308536") or ("4326273") or ("4331959") or ("4560204") or ("4964485") or ("5215159") or ("5369591") or ("5388048") or ("5388789") or ("5506454") or ("5507449") or ("5530651") or ("5653174") or ("5684473") or ("5699986") or ("5808561") or ("5833025") or ("5850176") or ("5865481") or ("5889476") or ("5890682")).PN. or (("5906648") or ("5952939") or ("5959552") or ("5969969")).PN.				
S17	6	((automobile car vehicle) with ("mine" "mining")) and ((colli $4 crash$4 accident$3) same (obstacle object) same (front side$4) same coordinate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 19:53
S18	180	((automobile car vehicle) with ("mine" "mining")) and ((colli $4 crash$4 accident$3) same (obstacle object) same (front side$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 19:53
S19	497	((automobile car vehicle) near2 ("mine" "mining" underground tunnel)) and ((colli$4 crash$4 accident$3) same (obstacle object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/14 12:49
S20	107	((automobile car vehicle) near2 ("mine" "mining" underground tunnel)) same ((colli$4 crash$4 accident$3) same (obstacle object))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/14 12:50

S21	192	("20060069472" | "2674332" | "3493920" | "3612206" | "3669206" | "3707708" | "3715572" | "3744586" | "3749493" | "3797309" | "3845289" | "3891966" | "3933099" | "3961166" | "3978481" | "4023861" | "4026654" | "4056761" | "4069888" | "4072945" | "4104632" | "4119900" | "4125826" | "4146891" | "4148028" | "4158841" | "4162488" | "4204096" | "4219092" | "4278142" | "4308536" | "4379497" | "4465155" | "4477184" | "4489321" | "4528563" | "4537271" | "4546840" | "4570227" | "4580251" | "4593239" | "4602336" | "4612530" | "4626995" | "4630226" | "4632543" | "4638445" | "4652803" | "4679175" | "4681431" | "4692764" | "4700301" | "4711316" | "4727492" | "4733356" | "4737788" | "4759063" | "4759064" | "4773018" | "4779203" | "4782447" | "4790402" | "4796189" | "4811229" | "4815046" | "4817000" | "4819169" | "4823042" | "4829442" | "4844493" | "4855822" | "4860209" | "4862047" | "4884847" | "4918607" | "4920520" | "4926336" | "4933864" | "4943796" | "4947094" | "4953141" | "4954962" | "4962453" | "5014200" | "5029290" | "5031103" | "5031109" | "5032775" | "5051906" | "5059946" | "5079706" | "5081585" | "5087918" | "5091726" | "5122796" | "5153559" | "5155684" | "5155775" | "5165064" | "5170352" | "5172315" | "5172317" | "5181011" | "5181037" | "5204814" | "5212467" | "5214749" | "5229975" | "5235316" | "5249128" | "5249163" | "5251188" | "5274437" | "5286099" | "5301115" | "5310249" | "5313711" | "5321614" | "5331561" | "5332057" | "5349533" | "5357438" | "5369590" | "5373482").PN. OR ("5377106" | "5386285" | "5388048" | "5389912" | "5396426" | "5416713" | "5418359" | "5420792" | "5424747" | "5448487" | "5455557" | "5465079" | "5471214" | "5471215" | "5475494" | "5477929" | "5483501" | "5485892" | "5493499" | "5502638" | "5517197" | "5530330" | "5541891" | "5572428" | "5574426" | "5581464" | "5583479" | "5587929" | "5587938" | "5612883" | "5615116" | "5633705" |	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/14 15:24

		"5635922" | "5640323" | "5668739" | "5670935" | "5680313" | "5684474" | "5684696" | "5696675" | "5712640" | "5714928" | "5714947" | "5734336" | "5749984" | "5758298" | "5767793" | "5781870" | "5787382" | "5808728" | "5917666" | "5923270" | "5928309" | "5929786" | "5956250" | "5999865" | "5999866" | "6044312" | "6154149" | "6195610" | "6198409" | "6250783" | "6304818" | "6411898" | "RE31509" | "RE34773").PN.				
S22	210	("2004/0138799" | "2006/0069472" | "2006/0190124" | "2006/0235609" | "2006/0265166" | "4465155" | "5229941" | "5530330" | "5572428" | "5758298" | "5999865" | "6055042" | "6349249" | "6642839" | "6694233" | "6898503" | "7191060").URPN.	USPAT	OR	ON	2008/06/14 15:24
S23	488	(automobile car vehicle) and (((colli$4 crash$4 accident$3) same (obstacle object)) and (("blindspot" blind) near2 (view area detect$3 track$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/14 18:32
S24	210	(automobile car vehicle) and (((colli$4 crash$4 accident$3) same (obstacle object)) same (("blindspot" blind) near2 (view area detect$3 track$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/14 18:32
S25	123	(S23 S24) and (autonomous or unmanned or "AGV")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/14 18:33

| S26 | 11 | (("20060190124") or ("4583700") or ("4987819") or ("6442476") or ("20020049530") or ("5442990") or ("6064209") or ("4840105") or ("4090736") or ("4433763") or ("4491440") or ("4766269") or ("4967636") or ("4979425") or ("5238298") or ("5245928") or ("5361675") or ("5373774") or ("5395082") or ("5437230") or ("5474452") or ("5505155") or ("5743190") or ("5896816") or ("6058847") or ("6058847") or ("6095078") or ("6157889") or ("6442456") or ("6633800") or ("6813986") or ("6973981") or ("7036894") or ("7118513") or ("7296503") or ("7331735") or ("20010021888") or ("20050257673") or ("20060003864") or ("20060158017") or ("3842770") or ("4626849") or ("6226572") or ("6226572") or ("6292725") or ("6393362") or ("6480769") or ("6799100") or ("20020143461") or ("4291777") or ("5636903") or ("4282465") or ("4465155") or ("5409298") or ("5530330") or ("5778506") or ("5909780") or ("6152244") or ("6240050") or ("6502016") or ("7124022") or ("7392151") or ("20060123050") or ("20060265166") or ("20070150133") or ("20080208454") or ("5388789") or ("4369714") or ("5676394") or ("5685565") or ("6370475") or ("6026135") or ("6215122") or ("6215122") or ("5321667") or ("5438552") or ("5929363") or ("4463681") or ("4467694") or ("4491053") or ("4565412") or ("4590844") or ("4766385") or ("4773298") or ("4972388") or ("5007599") or ("5277117") or ("5417139") or ("5598152") or ("5712441") or ("5781504") or ("5794709") or ("5856629") or ("5906243") or ("5942899") or ("6155155") or ("6170848") or ("6182769") or ("3626804") or ("3613626") or ("3612190") or ("3701331") or ("3698315") or ("3638569") or ("3922632") or ("3922630") or ("3908778") or ("3907356") or ("RE28556") or ("3893474") or ("3892100") or ("3890005") or ("3880103") or ("3877717") or ("3871302") or ("3866781") or ("3855501") or ("3854776") or ("3851481") or ("3837259") or ("3826387") or ("3824911") or ("3817180") or ("3813126") or ("3811290") or ("3809262") or ("3799063") or ("3793966") or ("4008644") or ("4011418") or ("4019453") or ("4021725") or ("4022128") or ("4026118") | US-PGPUB | OR | OFF | 2009/01/02 15:35 |

		or ("4032116" or "4042864" or "4060144" or ("4065011" or "4139087" or "4157878" or "4160619") or ("4161301" or "4171581" or "4173370" or ("4068728" or "4071124" or "4078629")).PN. or (("4079792" or "4084751" or "4085682")).PN.				
S27	136	(("20060190124" or "4583700" or "4987819" or ("6442476" or "20020049530" or "5442990" or ("6064209" or "4840105" or "4090736" or "4433763") or ("4491440" or "4766269" or "4967636" or ("4979425" or "5238298" or "5245928" or "5361675") or ("5373774" or "5395082" or "5437230" or ("5474452" or "5505155" or "5743190" or "5896816") or ("6058847" or "6058847" or "6095078" or ("6157889" or "6442456" or "6633800" or "6813986") or ("6973981" or "7036894" or "7118513" or ("7296503" or "7331735" or "20010021888" or ("20050257673" or "20060003864" or "20060158017") or ("3842770" or "4626849" or "6226572" or ("6226572" or "6292725" or "6393362" or "6480769") or ("6799100" or "20020143461" or "4291777" or ("5636903" or "4282465" or "4465155" or "5409298") or ("5530330" or "5778506" or "5909780" or ("6152244" or "6240050" or "6502016" or "7124022") or ("7392151" or "20060123050" or "20060265166") or "20070150133" or "20080208454" or "5388789" or ("4369714" or "5676394" or "5685565" or "6370475") or "6026135" or "6215122" or "6215122" or ("5321667" or "5438552" or "5929363" or "4463681") or ("4467694" or "4491053" or "4565412" or ("4590844" or "4766385" or "4773298" or "4972388") or ("5007599" or "5277117" or "5417139" or ("5598152" or "5712441" or "5781504" or "5794709") or ("5856629" or "5906243" or "5942899" or ("6155155" or "6170848" or "6182769" or "3626804") or ("3613626" or "3612190" or "3701331" or ("3698315" or "3638569" or "3922632" or "3922630") or ("3908778" or "3907356" or "RE28556" or ("3893474" or "3892100" or "3890005" or "3880103") or ("3877717" or "3871302" or "3866781" or	USPAT	OR	OFF	2009/01/02 15:35

("3855501") or ("3854776") or ("3851481") or ("3837259") or ("3826387") or ("3824911") or ("3817180") or ("3813126") or ("3811290") or ("3809262") or ("3799063") or ("3793966") or ("4008644") or ("4011418") or ("4019453") or ("4021725") or ("4022128") or ("4026118") or ("4032116") or ("4042864") or ("4060144") or ("4065011") or ("4139087") or ("4157878") or ("4160619") or ("4161301") or ("4171581") or ("4173370") or ("4068728") or ("4071124") or ("4078629")).PN. or (("4079792") or ("4084751") or ("4085682")).PN.			

1/3/2009 1:24:40 PM

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